



PATENT APPLICATION *JFW*

IN THE U.S. PATENT AND TRADEMARK OFFICE

February 12, 2008

Applicants: Hideki MISAWA et al

For: MAGNETIC MIGRATION AND REVERSAL DISPLAY PANEL AND  
MAGNETIC MIGRATION AND REVERSAL DISPLAY METHOD

Serial No.: 10/573 188 Group: 1756

Confirmation No.: 9352

Filed: March 22, 2006 Examiner: Unknown

International Application No.: PCT/JP2004/004625

International Filing Date: March 31, 2004

Atty. Docket No.: 4700.P0325US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Sir:

The pending Filing Receipt contains an error.

Please see the attached red-corrected photocopy of the Filing Receipt and the high-lighted portions of the attached copy of the Declaration and the Title Page of the WIPO document.

Respectfully submitted,

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 12, 2008.

*Terryence F. Chapman*  
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
10/573,188	03/22/2006	1756	900	4700.P0325US	45	5

CONFIRMATION NO. 9352

23474  
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DHT \_\_\_\_\_ DGB \_\_\_\_\_ TFO \_\_\_\_\_  
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SRT \_\_\_\_\_ DJW \_\_\_\_\_ SBW \_\_\_\_\_



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GMS \_\_\_\_\_ CRA \_\_\_\_\_ KC \_\_\_\_\_  
FILE \_\_\_\_\_

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

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Assignment For Published Patent Application

KABUSHIKI KAISHA PILOT CORPORATION (ALSO TRADING AS PILOT CORPORATION,  
TOKYO JAPAN, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 23474

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/04625 03/31/2004

Foreign Applications

JAPAN 2003-346871 10/06/2004 2003  
JAPAN 2003-373778 10/31/2003

If Required, Foreign Filing License Granted: 01/30/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/573,188**

Projected Publication Date: 05/08/2008

Non-Publication Request: No

**Early Publication Request: No**

**Title**

Magnetic Migration and Reversal Display Panel and Magnetic Migration and Reversal Display Method

**Preliminary Class**

430

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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(12) 特許協力条約に基づいて公開された国際出願

訂正版



(19) 世界知的所有権機関  
国際事務局

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2005年4月14日 (14.04.2005)

PCT

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WO 2005/033790 A1

(51) 国際特許分類<sup>7</sup>:  
G09F 9/37, 19/02, B43L 1/00

G02F 1/17,

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(21) 国際出願番号: PCT/JP2004/004625

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(22) 国際出願日: 2004年3月31日 (31.03.2004)

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(25) 国際出願の言語: 日本語

日本語

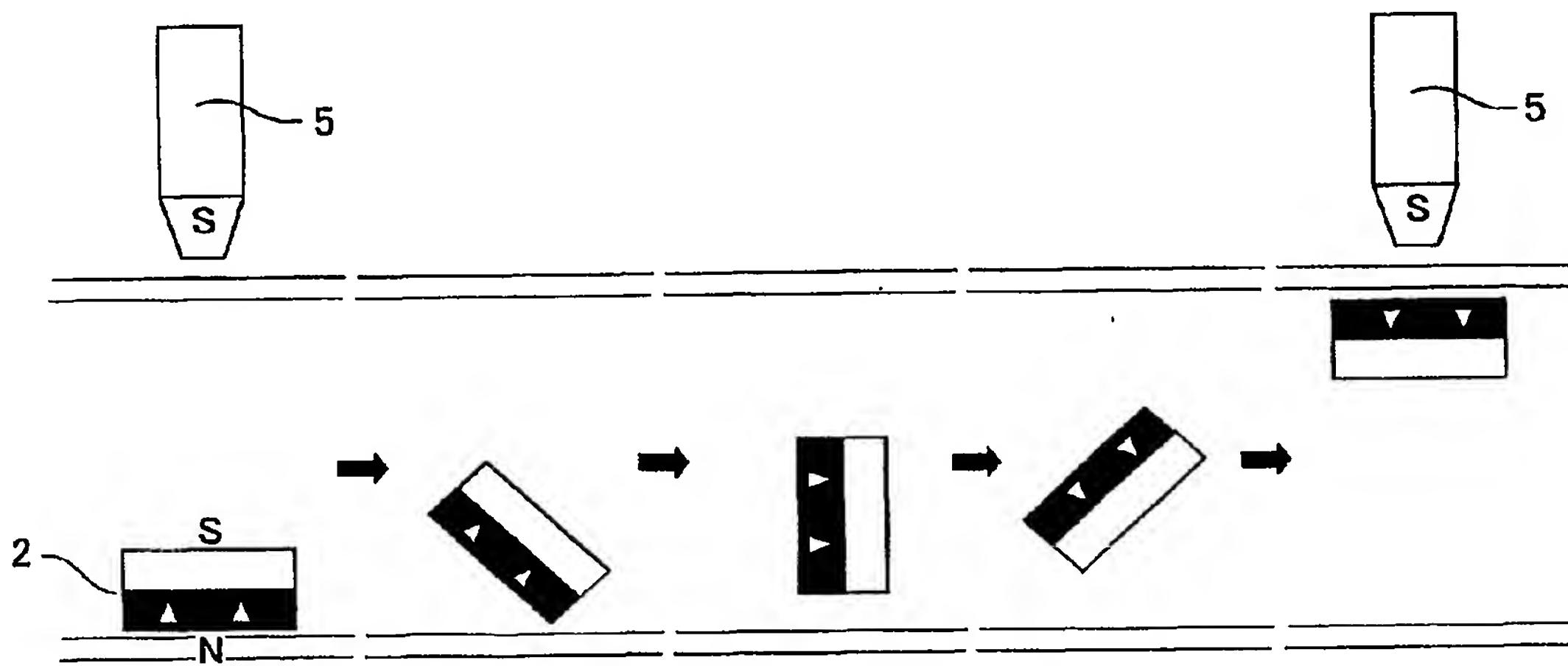
(26) 国際公開の言語: 日本語

(30) 優先権データ:  
特願2003-346871 2003年10月6日 (06.10.2003) JP  
特願2003-373778 2003年10月31日 (31.10.2003) JP

[続葉有]

(54) Title: MAGNETOPHORETIC REVERSAL DISPLAY PANEL AND MAGNETOPHORETIC REVERSAL DISPLAY METHOD

(54) 発明の名称: 磁気泳動反転表示パネルおよび磁気泳動反転表示方法



WO 2005/033790 A1

(57) Abstract: In a magnetic display panel varying the display by means of a magnet, a multicolor display panel capable of magnetically displaying three colors, i.e. two colors in addition to the background, is obtained. The magnetophoretic reversal display panel includes a dispersion liquid where micromagnets having different color of magnetic pole are dispersed into a dispersion medium containing a coloring material. A handwriting representing two display colors is obtained by selecting a specified magnetic pole at a handwriting part, causing magnetophoresis or magnetophoresis/reversal of the micromagnets in the dispersion liquid from the surface side, and displaying the color tone of a specified surface of the micromagnets. Subsequently, a magnetic field of the opposite magnetic pole is applied, from the same surface, to the micromagnets constituting the handwriting h indicating the color tone of the specified surface thus varying the color tone of the handwriting without varying the state thereof.

(57) 要約: 磁石により表示を変化させる磁気表示パネルにおいて、背景以外に2色の表示、つまり3色の磁気表  
示を行うことができる多色表示パネルを得られる。少なくとも、着色材を含有する分散媒中に磁極の色が異なる微  
小磁石を分散した分散液体を内

[続葉有]

## Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

## Japanese Language Declaration

日本語宣言書



下記の氏名の発明者として、私は以下の通り宣言します。

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MAGNETIC MIGRATION AND REVERSAL  
DISPLAY PANEL AND MAGNETIC MIGRATION  
AND REVERSAL DISPLAY METHOD

上記発明の明細書（下記の欄でx印がついていない場合は、本査に添付）は、

the specification of which is attached hereto unless the following box is checked:

一月一日に提出され、米国出願番号または特許協定条約  
国際出願番号を \_\_\_\_\_ とし、  
(該当する場合) \_\_\_\_\_ に訂正されました。

was filed on March 31, 2004  
as United States Application Number or  
PCT International Application Number  
PCT/JP2004/004625 and was amended on  
\_\_\_\_\_ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

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## Japanese Language Declaration (日本語宣言書)

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### Prior Foreign Application(s)

外国での先行出願 JP Pat.Appl.

No. 2003-346871	Japan	
(Number)	JP Pat.Appl.	(Country)
(番号)	(国名)	
No. 2003-373778	Japan	
(Number)	(Country)	
(番号)	(国名)	

私は、第35編米国法典119条(e)項に基いて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.)	(Filing Date)
(出願番号)	(出願日)

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(Application No.)	(Filing Date)
(出願番号)	(出願日)

(Application No.)	(Filing Date)
(出願番号)	(出願日)

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じるところに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed  
優先権主張なし

October 6, 2003

(Day/Month/Year Filed)

(出願年月日)

October 31, 2003

(Day/Month/Year Filed)

(出願年月日)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)	(Filing Date)
(出願番号)	(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned)	
(現況: 特許許可済、係属中、放棄済)	

(Status: Patented, Pending, Abandoned)	
(現況: 特許許可済、係属中、放棄済)	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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## Japanese Language Declaration

## (日本語宣言書)

委任状： 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。（弁護士、または代理人の氏名及び登録番号を明記のこと）

Dale H. Thiel, Reg. No. 24 323  
David G. Boutell, Reg. No. 25 072  
Ronald J. Tanis, Reg. No. 22 724  
Terryence F. Chapman, Reg. No. 32 549  
Mark L. Maki, Reg. No. 36 589

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

Donald J. Wallace, Reg. No. 43 977  
Sidney B. Williams, Jr., Reg. No. 24 949  
Liane L. Churney, Reg. No. 40 694  
Brian R. Tumm, Reg. No. 36 328  
Steven R. Thiel, Reg. No. 53 685

## 書類送付先

## Send Correspondence to:

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Kalamazoo, Michigan 49008-1631

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## Direct Telephone Calls to: (name and telephone number)

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国籍	Citizenship		
Japan			
私書箱	Post Office Address c/o Kabushiki Kaisha Pilot Corporation, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 254-8585, Japan		
第二共同発明者	Full name of second joint inventor, if any		
		Ryuusuke SAKUMA	
第二共同発明者署名	日付	Second inventor's signature	Date March 9, 2006
		Ryuusuke SAKUMA	
住所	Residence		
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国籍	Citizenship		
Japan			
私書箱	Post Office Address c/o Kabushiki Kaisha Pilot Corporation, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 254-8585, Japan		

（第三以降の共同発明者についても同様に記載し、署名をすること）

(Supply similar information and signature for third and subsequent joint inventors.)

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第三共同発明者の署名	日付	Third joint inventor's signature Date <i>Shinichi Murakata</i> March 9, 2006
住所	Residence Hiratsuka-shi, Kanagawa, Japan	
国籍	Citizenship Japan	
郵便の宛先	Post Office Address c/o Kabushiki Kaisha Pilot Corporation, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 254-8585, Japan	
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第四共同発明者の署名	日付	Fourth joint inventor's signature Date <i>Shunsuke Kaji wara</i> March 9, 2006
住所	Residence Hiratsuka-shi, Kanagawa, Japan	
国籍	Citizenship Japan	
郵便の宛先	Post Office Address c/o Kabushiki Kaisha Pilot Corporation, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 254-8585, Japan	
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国籍	Citizenship Japan	
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国籍	Citizenship Japan	
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[ ] Additional inventors are being named on the one supplemental additional inventor(s) sheet.

[ X] This Declaration ends with this page.